

**● PRINTER RUSH ●**  
(PTO ASSISTANCE)

Application : <u>09/910183</u>	Examiner : <u>Whisenant</u>	GAU : <u>1634</u>
From: <u>J. Blach</u>	Location: <u>IDC</u> FMF FDC	Date: <u>4/15/05</u>
Tracking #: <u>05905045</u>		Week Date: <u>2/16/04</u>

DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449	_____	<input type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS	_____	<input type="checkbox"/> Foreign Priority
<input type="checkbox"/> CLM	_____	<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW	_____	<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW	_____	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> DRW	_____	
<input type="checkbox"/> OATH	_____	
<input type="checkbox"/> 312	_____	
<input type="checkbox"/> SPEC	_____	

Allen Chief Drafts person.

<b>[RUSH] MESSAGE:</b>	_____
	<u>Sheet 2 of 4 is missing figure label.</u>
	_____
	<u>Please review.</u>
	_____
	_____
	_____

<b>[XRUSH] RESPONSE:</b>	_____
	_____
	<u>Drawing OK By Draftman</u>
	_____
	_____
	_____
	_____

**INITIALS:**

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.  
REV 10/04

FIGURE 1

loci	allelic designation	size (bp)	loci	allelic designation	size (bp)	loci	allelic designation	size (bp)	allelic designation	size (bp)
TH01	4	150	D8	7	157	D18	8	266	FGA (LMW)	16.1 173
	5	154		8	161		9	270		17 176
	6	158		9	165		10	274		18 180
	7	162		10	169		11	278		19 184
	8	166		11	173		12	282		20 188
	9	170		12	177		13	286		21 192
	9.3	173		13	181		14	290		22 196
	10	174		14	185		15	294		23 200
	11	178		15	189		16	298		24 204
	13.3	189		16	193		17	302		25 208
D21	53	203		17	197		18	306		26 212
	54	205		18	201		19	310		27 216
	56	209		19	205		20	314		28 220
	57	211	VWA	10	122		21	318		29 224
	59	215		11	126		22	322		30 228
	61	219		12	130		23	326		30.2 230
	63	223		13	134		24	330		31.2 234
	65	227		14	138		25	334		32.2 238
	67	231		15	142		26	338		33.2 242

# 2000-2004

68	233	16	146		27	342	34.2	246
70	237	17	150	AMELO	X	105	42.2	278
72	241	18	154		Y	111	42.3	282
74	245	19	158				44.2	286
75	247	20	162				45.2	290
77	251	21	166				46.2	294
79	255						47.2	298
81	259						48.2	302
							50.2	310

FIGURE 1(CON'T)

## FIG. 3A

12 TCTA (TCTG)<sub>4</sub> (TCTA)<sub>7</sub>

13 (TCTA)<sub>2</sub> (TCTG)<sub>4</sub> (TCTA)<sub>3</sub> TCCA (TCTA)<sub>3</sub> (TCCA)<sub>3</sub> T

(Note also that the 13 allele has an atypical 3' flanking sequence (highlighted). The usual sequence is TCCA TCTA T.)

## FIG. 3B

13.3 (TCAT)<sub>4</sub> CAT (TCAT)<sub>7</sub> TCGT<sup>12th</sup> TCAT

## FIG. 3C

$$7 \quad (\text{TCTA})_8;$$

19 (TCTA)<sub>2</sub> TCTG (TCTA)<sub>16</sub>

## FIG. 3D

16.1 (TTTC)<sub>3</sub> TTTT TTCT (CTTT)<sub>5</sub> T (CTTT)<sub>3</sub> CTCC (TTCC)<sub>2</sub>

27 (TTTC)<sub>3</sub> TTTT TTCT (CTTT)<sub>13</sub> CCTT (CTTT)<sub>5</sub> CTCC (TTCC)<sub>2</sub>

30 (TTTC)<sub>3</sub> TTTT TTCT (CTTT)<sub>16</sub> CCTT (CTTT)<sub>5</sub> CTCC (TTCC)<sub>2</sub>

31.2 (TTTC)<sub>4</sub> TTTT TT (CTTT)<sub>15</sub> (CTTC)<sub>3</sub> (CTTT)<sub>3</sub> CTCC (TTCC)<sub>4</sub>

32.2 (TTTC)<sub>4</sub> TTTT TT (CTTT)<sub>16</sub> (CTTC)<sub>3</sub> (CTTT)<sub>3</sub> CTCC (TTCC)<sub>4</sub>

33.2 (TTTC)<sub>4</sub> TTTT TT (CTTT)<sub>17</sub> (CTTC)<sub>3</sub> (CTTT)<sub>3</sub> CTCC (TTCC)<sub>4</sub>

42.2 (TTTC)<sub>4</sub> TTTT TT (CTTT)<sub>8</sub> (CTGT)<sub>4</sub> (CTTT)<sub>13</sub> (CTTC)<sub>4</sub> (CTTT)<sub>3</sub>  
CTCC (TTCC)<sub>4</sub>

43.2 (TTTC)<sub>4</sub> TTTT TT (CTTT)<sub>8</sub> (CTGT)<sub>5</sub> (CTTT)<sub>13</sub> (CTTC)<sub>4</sub> (CTTT)<sub>3</sub>  
CTCC (TTCC)<sub>4</sub>

44.2 (TTTC)<sub>4</sub> TTTT TT (CTTT)<sub>11</sub> (CTGT)<sub>3</sub> (CTTT)<sub>14</sub> (CTTC)<sub>3</sub> (CTTT)<sub>3</sub>  
CTCC (TTCC)<sub>4</sub>

45.2 (TTTC)<sub>4</sub> TTTT TT (CTTT)<sub>10</sub> (CTGT)<sub>5</sub> (CTTT)<sub>13</sub> (CTTC)<sub>4</sub> (CTTT)<sub>3</sub>  
CTCC (TTCC)<sub>4</sub>

47.2 (TTTC)<sub>4</sub> TTTT TT (CTTT)<sub>12</sub> (CTGT)<sub>5</sub> (CTTT)<sub>14</sub> (CTTC)<sub>3</sub> (CTTT)<sub>3</sub>  
CTCC (TTCC)<sub>4</sub>

48.2 (TTTC)<sub>4</sub> TTTT TT (CTTT)<sub>14</sub> (CTGT)<sub>3</sub> (CTTT)<sub>14</sub> (CTTC)<sub>4</sub> (CTTT)<sub>3</sub>  
CTCC (TTCC)<sub>4</sub>